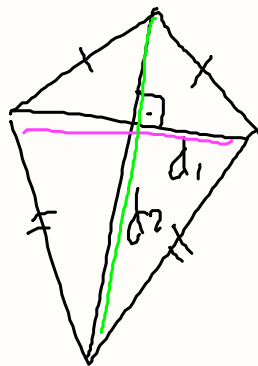
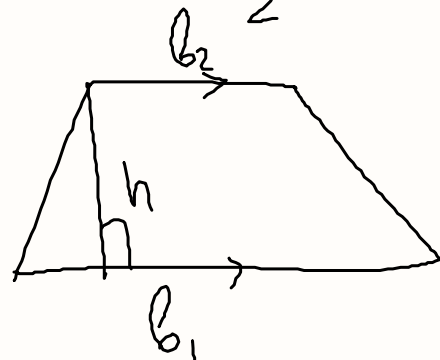


ch. 8.2.

$$A_{\triangle} = \frac{b \cdot h}{2}$$



$$A_{\square} = \frac{(b_1 + b_2)}{2} \cdot h$$



$$A_{\diamond} = \frac{d_1 \cdot d_2}{2}$$

p. 418 #2, 5

p. 419 #7, 9

(5)

$$\frac{A}{b} = \frac{b \cdot h}{b}$$

$$\boxed{h = \frac{A}{b}}$$

(7)  $BU = 28 \text{ ft}$

(9)  $180 = \left( \frac{b + 24}{2} \right) 9$

⑦

$$A = \frac{d_1 d_2}{2}$$

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$$420 = \frac{28 \cdot d_2}{2}$$

⑨

$$2 \cdot 180 = \left( \frac{b + 24}{2} \right) 9 \cdot \cancel{2}$$

$$420 = 14b$$

$$d = 30$$

$$\begin{array}{r} 360 = 9b + 216 \\ -216 \end{array}$$

$$144 = 9b$$

$$b = 16$$